

FIG. 3

PC DATA TRANSMISSION MACHINE

14 OPERATION PANEL

42 FIXING HEATER

44 TONER SENSOR

61 PHOTOCONDUCTOR DRUM

63 DEVELOPING UNIT

64 TRANSFER ROLLER

67 LASER EMISSION SECTION

82 DC CONTROLLER CIRCUIT

84 MAIN MOTOR

87 DRIVE CIRCUIT

89 DRIVE CIRCUIT

91 DRIVE CIRCUIT

92 HIGH-VOLTAGE BOARD

200 PAPER FEED SENSOR

A. OTHER SENSORS

B. OTHERS

FIG. 4

42 FIXING HEATER

82 DC CONTROLLER CIRCUIT

105 LOW-VOLTAGE POWER SUPPLY

FIG. 5

(C) LAMP CURRENT

(EFFECTIVE VALUE)

FIG. 6

A: COMMERCIAL POWER SUPPLY

OFF

B: /ON SIGNAL

ON

C: HEATER CURRENT

(EFFECTIVE VALUE)

FIG. 7

A: COMMERCIAL POWER SUPPLY

OFF

B: /ON SIGNAL

ON

C: HEATER CURRENT

(EFFECTIVE VALUE)

FIG. 8

42 FIXING HEATER

82 DC CONTROLLER CIRCUIT

91 DRIVE CIRCUIT

105 LOW-VOLTAGE POWER SUPPLY

FIG. 9

- A: COMMERCIAL POWER SUPPLY
- B: ZERO CROSSING DETECTION SIGNAL
 - OFF
 - ON
- C: /ON SIGNAL
 - OFF
 - ON
- D: HEATER CURRENT
 - (EFFECTIVE VALUE)

FIG. 10

A: COMMERCIAL POWER SUPPLY

OFF

B: /ON SIGNAL for first heater

ON

OFF

C: /ON SIGNAL for second heater

ON

D: FIRST HEATER CURRENT

(EFFECTIVE VALUE)

E: SECOND HEATER CURRENT

(EFFECTIVE VALUE)

F: POWER SUPPLY CURRENT

(EFFECTIVE VALUE)

FIG. 11

A: COMMERCIAL POWER SUPPLY

OFF

B: /ON SIGNAL for first heater

ON

OFF

C: /ON SIGNAL for second heater

ON

D: FIRST HEATER CURRENT

(EFFECTIVE VALUE)

E: SECOND HEATER CURRENT

(EFFECTIVE VALUE)

F: POWER SUPPLY CURRENT

(EFFECTIVE VALUE)

FIG. 12

A: COMMERCIAL POWER SUPPLY

OFF

B: /ON SIGNAL for first heater

ON

OFF

C: /ON SIGNAL for second heater

ON

D: FIRST HEATER CURRENT

(EFFECTIVE VALUE)

E: SECOND HEATER CURRENT

(EFFECTIVE VALUE)

F: POWER SUPPLY CURRENT

(EFFECTIVE VALUE)

FIG. 13

A: COMMERCIAL POWER SUPPLY

ON

B: CONTROL SIGNAL

OFF

C: HEATER CURRENT A

(EFFECTIVE VALUE)

D: HEATER CURRENT B

(EFFECTIVE VALUE)